

Injury-related Hospital Discharges

2012*

MASSACHUSETTS RESIDENTS

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ²
	Uninten- tional	Intentional		Undeter- mined	Other & Legal ¹			
		Self- Inflicted	Assault					
Cut/pierce	536	601	323	10	0	1,470	2.4	22.1
Drowning/submersion	35	0	0	0		35	0.1	0.5
Fall	26393	32	6	23		26,454	43.8	398.0
Fire/burn	577	32	10	14		633	1.0	9.5
<i>Fire/flare</i>	173	30	<7	13		220	0.4	3.3
<i>Hot object/substance burn</i>	404	<7	<7	<7		413	0.7	6.2
Firearms	32	7	189	9	<7	242	0.4	3.6
Machinery	162					162	0.3	2.4
Natural/environmental	1,282	<7		15		1,299	2.2	19.5
<i>Dog bites</i>	184	0		0		184	0.3	2.8
<i>Other bites & stings</i>	658	0		0		658	1.1	9.9
<i>All other</i>	440	<7		15		457	0.8	6.9
Overexertion	771					771	1.3	11.6
Poisoning	3361	3490	<7	762	0	7,618	12.6	114.6
Struck by, against	1215		610		10	1,835	3.0	27.6
Suffocation/hanging	630	41	7	<7		679	1.1	10.2
Transport Injuries:	4,296	10	7	0		4,313	7.1	64.9
<i>Motor vehicle traffic-related</i>	3,328	10	7	0		3,345	5.5	50.3
<i>Occupant</i>	2012					2,012	3.3	30.3
<i>Motorcyclist</i>	500					500	0.8	7.5
<i>Pedal Cyclist</i>	131					131	0.2	2.0
<i>Pedestrian</i>	566					566	0.9	8.5
<i>Other person</i>	15					15	0.0	0.2
<i>Unspecified person</i>	104					104	0.2	1.6
<i>Pedal cyclist, other</i>	454					454	0.8	6.8
<i>Pedestrian, other</i>	40					40	0.1	0.6
<i>Other transport</i>	474					474	0.8	7.1
Other specified & classifiable	2,687	15	184	0	<7	2,888	4.8	43.5
<i>Human bites</i>	54	0	42	0	0	96	0.2	1.4
<i>Non-powder guns</i>	9	<7	<7	0	0	12	0.0	0.2
<i>Other specified & classifiable</i>	2624	14	140	0	<7	2,780	4.6	41.8
Other specified, not classifiable	1118	149	253	96	24	1,640	2.7	24.7
Unspecified	3404	19	133	43	<7	3,600	6.0	54.2
Adverse effects ³						3,292	5.5	49.5
Cause and Intent are not provided						3,402	5.6	51.2
TOTALS ⁴	46,499	4,398	1,727	973	42	60,333	100.0	907.8
RATE BY INTENT/per 100,000	699.6	66.2	26.0	14.6	0.6			

Source: Massachusetts Hospital Discharge Database, Center for Health Information and Analysis (CHIA).

*All CHIA data sets are based on a fiscal year. The numbers provided here are based on fiscal year: October 1, 2011 - September 30, 2012 and will be different than numbers generated through the Department's query based system MassCHIP.

¹ Legal Intervention includes injuries resulting from police actions and operations of war.

² Counts less than 7 are suppressed and rates are not calculated. Rates that are based on counts less than twenty may be unstable.

³ Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).

⁴ Totals do not include subcategory counts. Total percentage may be less or more than 100% due to rounding, but is presented here as 100%.

—An injury hospitalization is defined as any case having an ICD9-CM Nature of Injury Code of 800-999 assigned to any of the ICD9 diagnosis fields [cases having the following codes are excluded if no other valid ICD9-CM code is assigned: Certain Adverse Effects (995.0-995.4, 995.6, 995.7, 995.86, 995.89), Complications of Surgical & Medical Care (996-999), and certain Late Effects (909.3, 909.5)]

—Categories and groupings are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.

—Injury subcategories are italicized.

—Injury hospitalization cases transferred to another acute care facility or subsequently dying in the hospital, are excluded from this analysis.

—Population data used to calculate rates are based on 2011 population estimates by the US Census Bureau. Estimated 2011 Massachusetts population is 6,646,144. Rates are per 100,000 residents.

—Data were extracted and compiled by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research & Evaluation, MDPH, August 2013.